

DOI Work Activity 5Q: Construct Minor Dams/Water Storage Facilities

Program Area:	Construction
End Outcome Goal:	All goals where applicable
Intermediate Outcome:	All intermediate outcomes where applicable
DOI Sub process:	4c – Provide facilities

Examples/Notes: **Capital Improvement** is the construction of a **new** facility, or the expansion or extension of an existing facility to accommodate a change of function or unmet programmatic needs. Methods of accomplishing Capital Improvements are:

- **New Construction:** The erection, installation, or assembly of a new facility.
- **Alteration** (for change of function, without expansion): Work to change the function of an existing facility or any of its components.
- **Expansion:** Increasing the capacity or size of a facility to serve needs different from, or significantly greater than, those originally intended.

Note: This activity is used for dams and water storage facilities construction work related to any of the End Outcome Goals or Intermediate Outcome Strategies within DOI's Strategic Plan. **DOI Work Activity 5Q applies to all bureaus except BOR only.**

Work Activity Description: This activity entails construction of new or expanded dams and water storage facilities and necessary appurtenances, and the use of a Facilities Maintenance Management Systems (FMMS) to ensure that data (including costs) accurately reflects the level(s) of work performed. This activity includes all types of work and effort to needed to construct dams, water storage facilities and necessary appurtenances that meet the National Dam Safety Programs Act criteria for size and capacity, FEMA 333 (Federal Guidelines for Hazard Potential Classification Systems for Dams), and Federal Guidelines on Dam Safety. These costs include material, labor, contract services; project planning (including any site reviews, clearances and permits not previously completed), surveys, design, minor construction, signage, accessibility retrofits and enhancements, energy conservation, inspections, corrective actions in response to facility audits, equipment rental, and contract supervision.

Output: Dams/Water Storage Facilities constructed.	Unit of Measure: Number of Dams/Water Storage Facilities Constructed. Count the number of projects completed or project phases completed in the reporting period, where distinct and separate phases of the project can be identified and counted
Inputs: Planned and funded construction projects/activities, labor, materials, equipment, contracts, facility review recommendations, congressional authorization/directive, decision document, customer requests needed for above activities.	Cost Drivers: Policies, identified maintenance requirements, regulations, requests, number of facilities and/or facility components generating maintenance, catastrophic events, condition assessments, geographic location and site conditions, cost of technology, contract negotiations, accessibility of site, size of project, non-reimbursable costs, labor availability and specialty, frequency of use, age of facilities, accessibility of features requiring repair, ability to interfere with required releases, size complexity of facilities.

System Interfaces: At present, information will be gathered from Time and Procurement reporting. In the future, this data will be gathered from Bureau Facilities Management Systems.

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